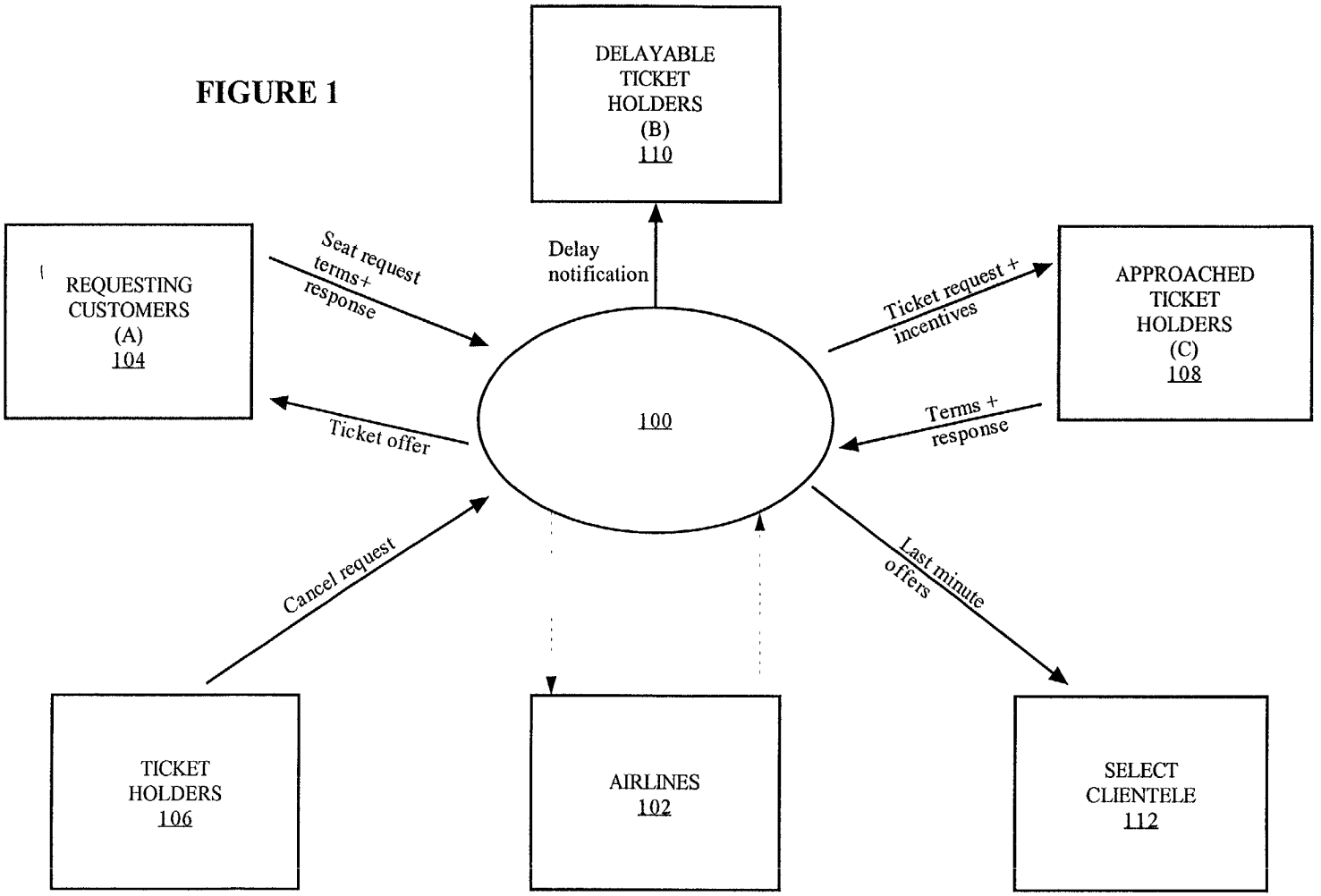
Patent Pending

FIGURE 1



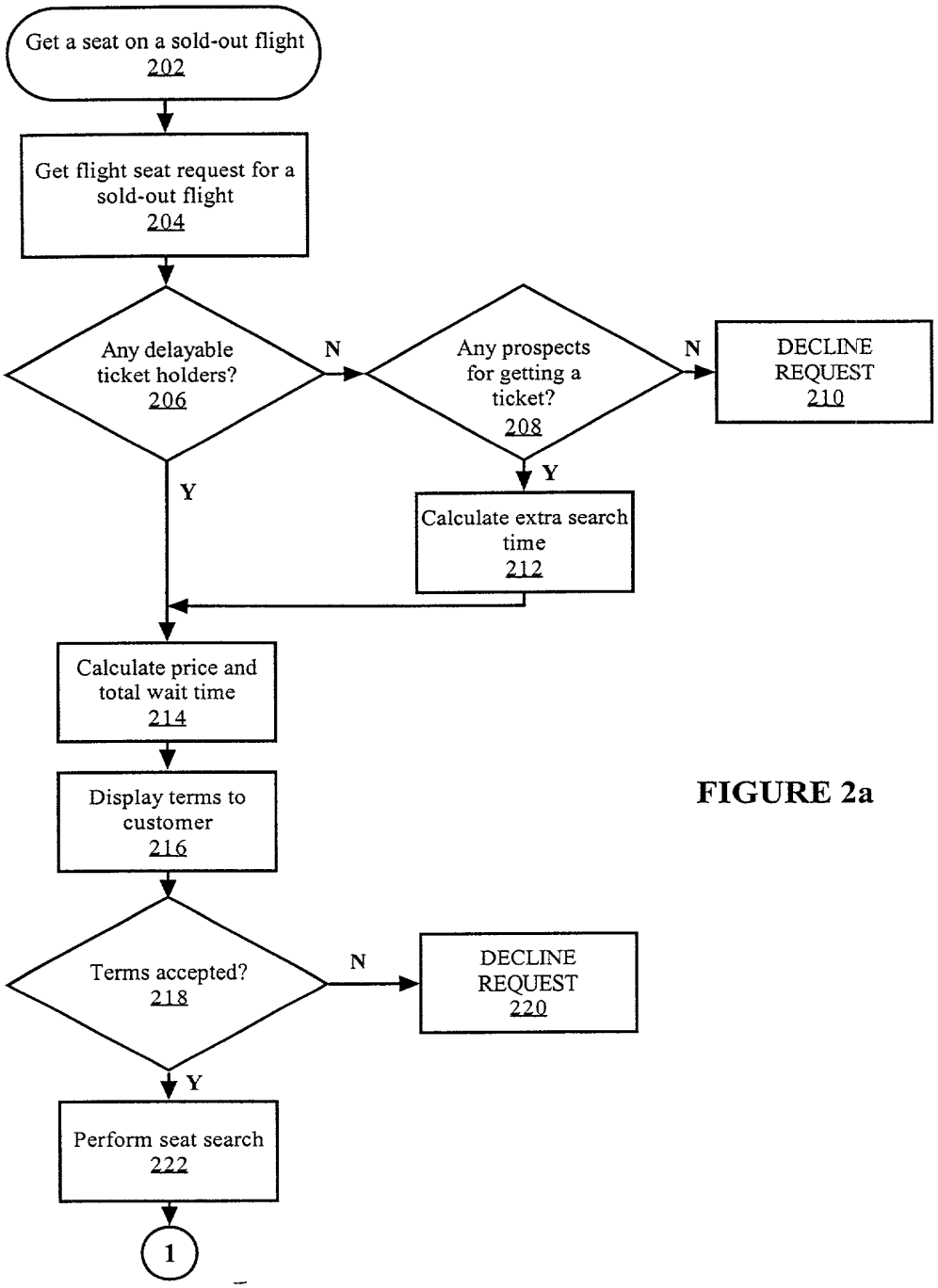

Get a seat on a sold-out flight
202
Get flight seat request for a sold-out flight
204
Any delayable ticket holders?
206
N
Any prospects for getting a ticket?
208
N
DECLINE REQUEST
210
Y
Y
Calculate extra search time
212
Calculate price and total wait time
214
Display terms to customer
216
Terms accepted?
218
N
DECLINE REQUEST
220
Y
Perform seat search
222
1

FIGURE 2a

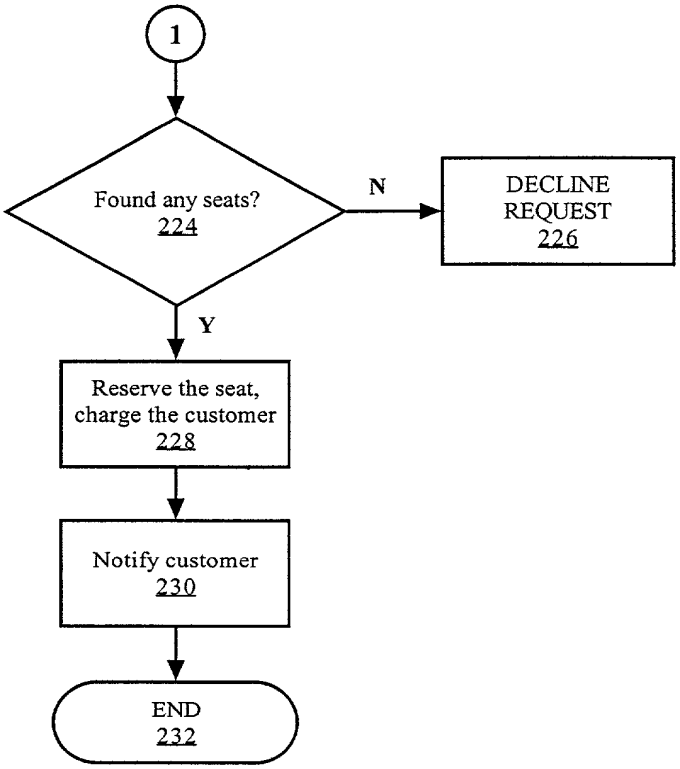

1
Found any seats?
224
N
DECLINE
REQUEST
226
Y
Reserve the seat,
charge the customer
228
Notify customer
230
END
232

FIGURE 2b

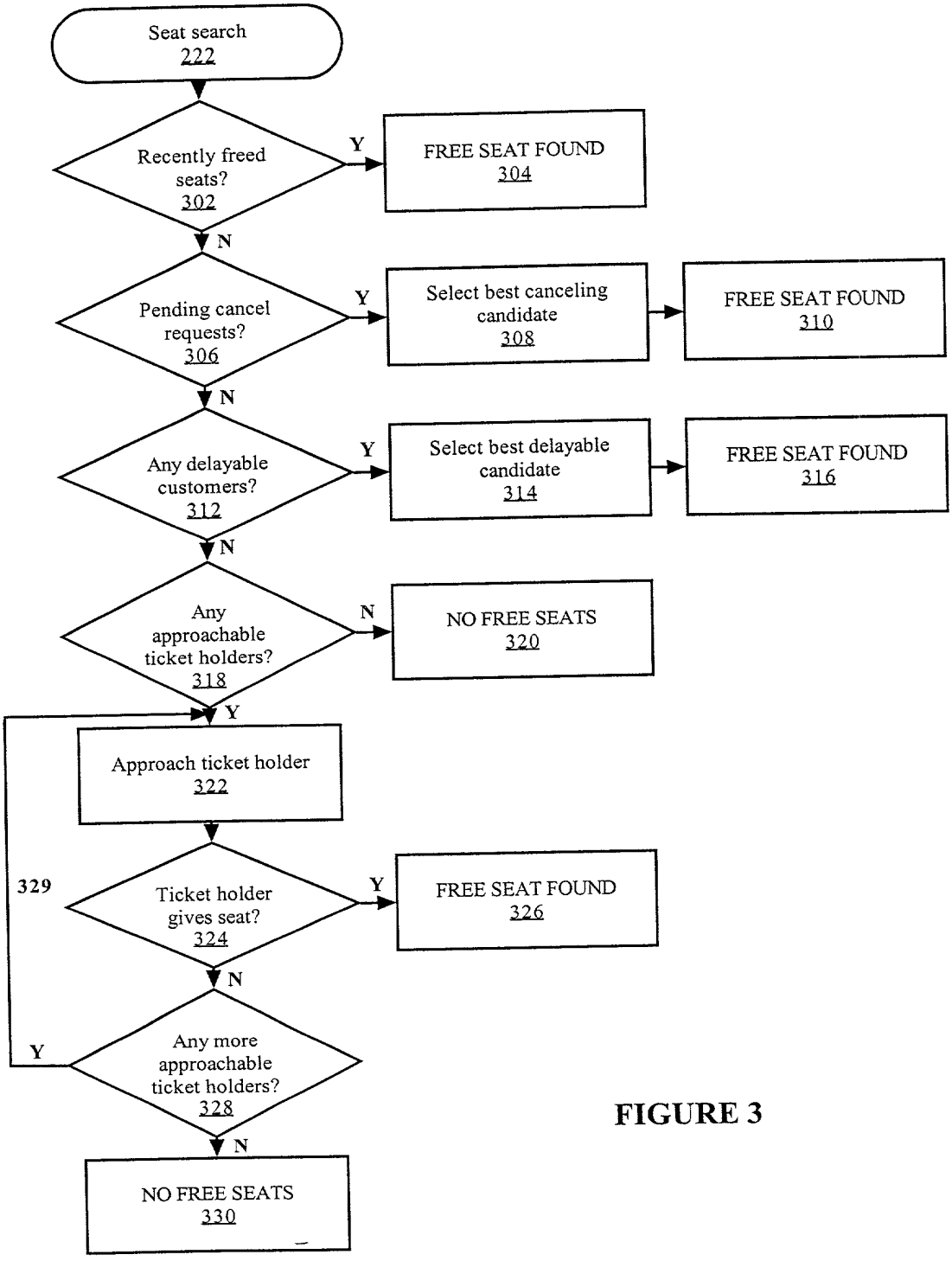

Seat search
222
Recently freed seats?
302
Y
FREE SEAT FOUND
304
N
Pending cancel requests?
306
Y
Select best canceling candidate
308
FREE SEAT FOUND
310
N
Any delayable customers?
312
Y
Select best delayable candidate
314
FREE SEAT FOUND
316
N
Any approachable ticket holders?
318
N
NO FREE SEATS
320
Y
Approach ticket holder
322
329
Ticket holder gives seat?
324
Y
FREE SEAT FOUND
326
N
Y
Any more approachable ticket holders?
328
N
NO FREE SEATS
330

FIGURE 3